MARIE			Application Number		09/606,129		
TRANS			Filing Date		June 28, 2000		
FO] (to be used for all correspo		al filing)			Mahin D. Maines		
(to oc useu joi un correspo	maence after unit	ui jiiiig)			1652		
			Examiner Name				
Total Number of Pages in Th	is Submission	16	Attorney Docket Number		D. Ramirez		
Total Number of Lages in Th	is suchnission -				176/60792 (6-11415-868)		
Fee Transmittal Form			RES (check all that apply)		After Allowance Communication to Gr		
Fee Attached			nent Papers Application)		Appeal Communication to Board of		
		Drawing			Appeals and Interferences Appeal Communication to Group		
Amendment / Reply			ation and Power of Attorney		(Appeal Notice, Brief, Reply Brief)		
☐ After Final		Licensin Petition	g-related Papers		Proprietary Information Status Letter		
☐ Affidavits/declaration(to Convert to a Provisional		Application Data Sheet		
Extension of Time Reques		Applicat			Request for Corrected Filing Receipt w Enclosures		
□ Express Abandonment Rec□ Information Disclosure Sta		Change	wer of Attorney, Revocation ange of Correspondence Address		A self-addressed, prepaid postcard for acknowledging receipt		
☐ Certified Copy of Priority			I Disclaimer for Refund	×	Declaration of Mahin D. Maines Under CFR 1.132 (6 pgs with Exhibits 1-9)		
Document(s)		l —	mber of CD(s)	×	Revised Sequence Listing (21 pgs),		
Response to Missing Parts. Incomplete Application	(e .	, , , <u> </u>		diskette containing CRF, and Statemen in Accordance with 37 CFR § 1.821 (1		
A copy of the Notice t under 37 CFR 1.52 or							
		Remarks	The Commissioner is	nereb	y authorized to charge any additional fees		
				ayme	ents to Deposit Account No. 14-1138 for t		
	SIGNATII	DE OE APPI	JICANT, ATTORNEY, O		CENT		
Firm	Edwin V. 1		SCANI, ATTORNET, C	IN A	GENT		
or Individual name	Nixon Peal	body LLP					
	1	uare, P.O. Bo New York					
	Telephone	: (585) 263-					
Signature	Fax: (585)	263-1600			Registration No. 40,087		
Signature	75in	Windente			· · · · · · · · · · · · · · · · · · ·		
Date	Marc	March 3, 2004					
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Alexandria, VA		- 1-4. 1	dedicate de TV to 10.		Data and T. J. Acco.		
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Date	DIS	OPF.	3 CTT		gnature		
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THADERANSMITTAL	Application Number	09/606,129		
FORM	Filing Date	June 28, 2000		
(to be used for all correspondence after initial filing)	First Named Inventor	Mahin D. Maines		
	Group Art Unit	1652		
	Examiner Name	D. Ramirez		
Total Number of Pages in This Submission 46	Attorney Docket Number	176/60792 (6-11415-868)		
ENCLOS	CIDEC (L. H.			

Total Number of Pages in This Submiss	on 46	Attorney Docket Number		176/60792 (6-11415-868)			
ENCLOSURES (check all that apply)							
Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application A copy of the Notice to Missing under 37 CFR 1.52 or 1.53	Assigni (for an Drawin Declara Licensi Petition Applica Change Termin Reques CD, Nu	ment Papers Application) g(s) ation and Power of Attorney ing-related Papers a to Convert to a Provisional ation of Attorney, Revocation of Correspondence Address al Disclaimer at for Refund amber of CD(s) The Commissioner is I	Appee	Allowance Communication to Group al Communication to Board of als and Interferences al Communication to Group I Notice, Brief, Reply Brief) rietary Information s Letter fication Data Sheet est for Corrected Filing Receipt with resurces f-addressed, prepaid postcard for powledging receipt aration of Mahin D. Maines Under 37 1.132 (6 pgs with Exhibits 1-9) sed Sequence Listing (21 pgs), tte containing CRF, and Statements accordance with 37 CFR § 1.821 (1 pg) rized to charge any additional fees Deposit Account No. 14-1138 for the			
SIGN	ATURE OF APP	LICANT, ATTORNEY, C	R AGEN	Γ			
Individual name Nixo Clint Rock Tele	n V. Merkel n Peabody LLP on Square, P.O. E ester, New York phone: (585) 263 (585) 263-1600	14603-1051					
Signature 2	gin Lend	l	· .	Registration No. 40,087			
Date N	Larch 3, 2	ov 4					
CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an anyelone addressed to: Mail Stap Commissioner for Patents P. O. Box 1450							

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop _______, Commissioner for Patents, P. O. Box 1450 Alexandria, VA 22313-1450 transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _______ March 3, 2004 Date Signature Wendy L. Barry Typed or printed name

FEE TRANSMITTAL MAR 0 5 2004 FOR FY 2004 Pateroffees are subject to annual revision. Applicant taims small entity status. Sec 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 475

	Complete if Known	Dr.
Application Number	09/606,129	NECENA
Filing Date	June 28, 2000	- IVED
First Named Inventor	Mahin D. Maines	MAD .
Examiner Name	D. Ramirez	1 2 2004
Art Unit	1652	
Attorney Docket No.	176/60792 (6-11415-868	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit Card Money Other None	c 3. ADDITIONAL FEES							
Deposit Account:	Large	Entity	Small	Entity				
Deposit	Fee	Fee	Fee	Fee		Fee Description	on	
Account 14-1138	Code 1051	(\$) 130	2051	(\$) 65	Surcharge – la	ate filing fee or or	ath	
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	1032	50	2032	23	sheet	ne provisional in	ing ice of cover	
Deposit	1053	130	1053	130	Non-English s	specification		
Account Nixon Peabody LLP	1812	2,520	1812	2,520	For filing a re	quest for ex parte	e reexamination	
Name	1804	920*	1804	920*	Requesting pu	ablication of SIR	prior to Examiner	-
The Commissioner is authorized to: (check all that apply)		,_,			action		•	
Credit any overpayments	1805	1,840*	1805	1,840*		ublication of SIR	after Examiner	
Charge any additional fee(s)	1251	110	2251	55	action Extension for	reply within first	t month	
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Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.						• •		155
	1253	950	2253	475		reply within third		475
FEE CALCULATION	1254	1,480	2254	740		reply within four		
1. BASIC FILING FEE	1255	2,010	2255	1,005		reply within fifth	h month	
Large Entity Small Entity Fee Fee Fee Fee Description	1401	330	2401	165	Notice of App	peal		
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	1402	330	2402	165	Filing a brief	in support of an a	appeal	1
···	1403	290	2403	145	Request for o	ral hearing		
1001 770 2001 385 Utility filing fee	1451	1,510	1451	1,510	Petition to ins	stitute a public us	e proceeding	
1002 340 2002 170 Design filing fee	1452	110	2452	55	Petition to rev	vive – unavoidabl	le	
1003 530 2003 265 Plant filing fee	1453	1,330	2453	665	Petition to rev	vive – unintentior	nal	
	1501	1,330	2501	665	Utility issue f	fee (or reissue)		
	1502	480	2502	240	Design issue	fee		
1005 160 2005 80 Provisional filing fee	1503	640	2503	320	Plant issue fe	e		
SUBTOTAL (1) (S) 0	1460	130	1460	130	Petitions to th	ne Commissioner		
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	8021	40	8021	40		ch patent assignn		
Extra Claims below Fee Paid	0021	40	0021	40		er of properties)	nent per property	
Total Claims	1809	770	2809	385		nission after final	rejection	
Independent -3**= X = 0	1810	770	2810	385	(37 CFR 1.12 For each addi	itional invention t	to be examined	
Claims					(37 CFR 1.12	29(b))		
Multiple Dependent X = 0	1801	770	2801	385	Request for C	Continued Examir	nation (RCE)	
Laura Entite Small Entity	1802	900	1802	900	Request for e	xpedited examina	ation of a design	
Large Entity Small Entity Fee Fee	1002	700	1002	200	application	Apounca camana	ation of a deergn	
Code (\$) Code (\$)	Other	fee (speci	fy)					
1202 18 2202 9 Claims in excess of 20								
1201 86 2201 43 Independent claims in excess of 3	<u>.</u>			F 5		CUBEON LE CO	(5) 475	
1203 290 2203 145 Multiple dependent claim, if not paid	*Redu	iced by Ba	isic Filir	ig Fee Paid		SUBTOTAL (3)) (\$) 475	
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original patent						CIKANSMISSIC	ON [37 CFR 1.8(a)]	
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over original patent						lope addressed to	e date shown below vo: Mail Stop	
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**or number previously paid, if greater; For Reissues, see above	l					shown below to t	the United States Pat	ent and
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			3, 2004			Caro	ignature	$-\mathcal{H}$
		Dat				Wene	dy L. Barry	<u> </u>
	Typed or printed name							
SUBMITTED BY						Complete (if ap	pplicable)	
Edwin V Merkel	Regis	tration N	lo.	40,087			(585) 263-112	8
Name (Print/Type)	_	ney/Ager				reiephone	<u> </u>	
Signature His June]	Date	March 3,	2004

FEBTRANSMITTAL MAR 0 5 2004 FOR FY 2004 Patencies are subject to annual revision. Applicant Amms small entity status. See 37 CFR 1.27 TOPPARAMOUNT OF PAYMENT (\$) 475

	Complete if Known	
Application Number	09/606,129	Pro.
Filing Date	June 28, 2000	MED
First Named Inventor	Mahin D. Maines	CEIL
Examiner Name	D. Ramirez	MA
Art Unit	1652	TAPIO
Attorney Docket No.	176/60792 (6-11415-868)	2 2004

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Card Money Other None 3. ADDITIONAL FEES						
Order Deposit Account:	Large	Entity	Small	Entity		
Deposit	Fee	Fee	Fee	Fee	Fee Description	
Account 14-1138 Number	Code 1051	(\$) 130	2051	(\$) 65	Surcharge – late filing fee or oath	
Number	1052	50	2052	25	Surcharge - late provisional filing fee or cover	
*,	1032				sheet	
Deposit	1053	130	1053	130	Non-English specification	
Account Nixon Peabody LLP	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner	
The Commissioner is authorized to: (check all that apply)			1005	1.040*	action Superior of SID of a Francisco	
Credit any overpayments	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
Charge any additional fee(s)	1251	110	2251	55	Extension for reply within first month	
Charge fee(s) indicated below, except for the filing fee	1252	420	2252	210	Extension for reply within second month	
to the above-identified deposit account.	1253	950	2253	475	Extension for reply within third month 475	
FEE CALCULATION	1254	1,480	2254	740	Extension for reply within fourth month	
	1255	2,010	2255	1,005	Extension for reply within fifth month	
1. BASIC FILING FEE	1401	330	2401	165	Notice of Appeal	
Large Entity Small Entity Fee Fee Fee Fee Description	1402	330	2402	165	Filing a brief in support of an appeal	
Code (\$) Code (\$) Fee Paid						
	1403	290	2403	145	Request for oral hearing	
1001 770 2001 385 Utility filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding Petition to revive – unavoidable	
1002 340 2002 170 Design filing fee	1452	110	2452	55		
1003 530 2003 265 Plant filing fee	1453	1,330	2453	665	Petition to revive – unintentional	
1004 770 2004 385 Reissue filing fee	1501	1,330	2501	665	Utility issue fee (or reissue)	
1005 160 2005 80 Provisional filing fee	1502	480	2502	240	Design issue fee	
· · · · · · · · · · · · · · · · · · ·	1503	640	2503	320	Plant issue fee	
SUBTOTAL (1) (\$) 0	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
2, EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee from	8021	40	8021	40	Recording each patent assignment per property	
Extra Claims below Fee Paid Total Claims -20** = X = 0	1809	770	2809	385	(times number of properties) Filing a submission after final rejection	
Total Claims20** = X = =					(37 CFR 1.129(a))	
Independent3**= X = 0	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
Claims Multiple Dependent X = 0	1801	770	2801	385	Request for Continued Examination (RCE)	
Williple Dependent						
Large Entity Small Entity	1802	900	1802	900	Request for expedited examination of a design	
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	0.1	c *	.c.>		application	
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1201 86 2201 43 Independent claims in excess of 3	*Redu	ced by Ba	asic Fili	ng Fee Paid	SUBTOTAL (3) (\$) 475	
1203 290 2203 145 Multiple dependent claim, if not paid						
1204 86 2204 43 ** Reissue independent claims over			CERTII	ICATE OF	F MAILING OR TRANSMISSION [37 CFR 1.8(a)]	
original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and	I heret	by certify	that this	correspond	dence is being:	
over original patent					nited States Postal Service on the date shown below with sufficient	
SUBTOTAL (2) (\$) 0					mail in an envelope addressed to: Mail Stop, atents, P. O. Box 1450, Alexandria, VA 22313-1450	
**or number previously paid, if greater, For Reissues, see above	- 2				nile on the date shown below to the United States Patent and	
				k Office at		
*		March	3, 2004		Whath Davy	
	*	Da			Signature	
Wendy L. Barry Typed or printed name						
SUBMITTED BY					Complete (if applicable)	
Edwin V Merkel	_	tration N		40,087	Telephone (585) 263-1128	
Name (Print/Type)	(Attor	ney/Agei	nt)			
Signature This lend					Date March 3, 2004	

Docket Number (Optional) 176/60792 (6-TION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) 11415-868) In re Application of Mahin D. Maines CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with Application Number 09/606,129 Filed June 28, 2000 sufficient postage for first class mail in an envelope For BILIVERDIN REDUCTASE FRAGMENTS AND VARIANTS. addressed to Mail Stop , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-AND METHODS OF USING BILIVERDIN REDUCTASE AND 1450 on March 3, , 2004. SUCH FRAGMENTS AND VARIANTS Examiner D. Ramirez Group Art Unit 1652 This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application. The requested extension and appropriate entity fee are as follows (check time period desired): One month (37 CFR 1.17(a)(1)) - (\$55/\$110)☐ Two months (37 CFR 1.17(a)(2)) - (\$210/\$420) \$475.00 Three months (37 CFR 1.17(a)(3)) - (\$475/\$950) ☐ Four months (37 CFR 1.17(a)(4)) - (\$740/\$1480) \square Five months (37 CFR 1.17(a)(5)) - (\$1005/\$2010) Applicant claims small entity status. A check to cover the fee is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. The Commissioner has already been authorized to charge fees in this application to a Deposit Account. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account Number 14-1138 I have enclosed a duplicate copy of this sheet. I am the applicant/inventor assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). attorney or agent of record. attorney or agent under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(a) WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Signature Edwin V. Merkel Typed or printed name NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple

03/11/2004 AWONDAF1 00000008 09606129

Total of 1 form is submitted.

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forms if more than one signature is required, see below

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	NED 27 CED 1 126(a)	Docket Number (Optional) 176/60792 (6-				
PETITION FOR EXTENSION OF TIME UNI		11415-868)				
CERTIFICATE OF MAILING	In re Application of Mahin D. l	wiames				
I hereby certify that this correspondence is being deposited with the United States Postal Service with	Application Number 09/606,12	Filed June 28, 2000				
sufficient postage for first class mail in an envelope addressed to Mail Stop , Commissioner	For BILIVERDIN REDUCTA	SE FRAGMENTS AND VARIANTS,				
for Patents, P.O. Box 1450, Alexandria, VA 22313- 1450 on March 3, 2004.		BILIVERDIN REDUCTASE AND				
Signature: WWW Bowy	SUCH FRAGMENTS AND VA					
Name: Wendy L. Barry	Group Art Unit 1652	Examiner D. Ramirez				
This is a request under the provisions reply in the above identified applications		period for filing a				
The requested extension and appropri (check time period desired):	ate entity fee are as follows					
One month (37 CFR 1.1	7(a)(1)) - (\$55/\$110)	\$				
Two months (37 CFR 1.	17(a)(2)) - (\$210/\$420)	\$				
Three months (37 CFR	1.17(a)(3)) - (\$475/\$950)	\$475.00				
☐ Four months (37 CFR 1.17(a)(4)) - (\$740/\$1480) \$						
☐ Five months (37 CFR 1.17(a)(5)) - (\$1005/\$2010) \$						
Applicant claims small entity status.						
A check to cover the fee is enclosed.						
Payment by credit card. Form PTO-2038 is attached.						
☐ The Commissioner has already been authorized to charge fees in this application to a Deposit Account.						
The Commissioner is hereby autibe required, or credit any overpart I have enclosed a duplicate copy	norized to charge any additional for yment, to Deposit Account Numbor of this sheet.	ees which may er 14-1138				
I am the ☐ applicant/inventor						
assignee of record of the Statement under 37	e entire interest. See 37 CFR 3.71 CFR 3.73(b) is enclosed. (Form	PTO/SB/96).				
attorney or agent of reco	ord.					
attorney or agent under Registration number	37 CFR 1.34(a). or if acting under 37 CFR 1.34(a)					
WARNING: Information on the included on this form. Provide	his form may become public. C credit card information and au	redit card information should not be athorization on PTO-2038.				
March 3, 2004		92 Venhl				
Date (Signature				
	· · · · · · · · · · · · · · · · · · ·	Edwin V. Merkel				
*	*	Typed or printed name				
NOTE: Signatures of all the inventors or assig forms if more than one signature is required, s	mees of record of the entire interest or the ee below.	ir representative(s) are required. Submit multiple				

Total of 1 form is submitted.